

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2152	29/25.35.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:56
S2	33	indentification near tag	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:59
S3	0	S1 and S2	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:51
S4	33	indentification adj tag	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:27
S5	0	S4 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:06
S6	0	SAW near (indentification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:55
S7	0	SAW with (indentification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:04
S8	2554	29/25.35,594,609.1.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:56
S9	0	S4 and S8	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:56
S10	2	("4625207").PN.	USPAT; USOCR; JPO; DERWENT	OR	OFF	2005/05/23 10:56
S11	54	indentification with tag	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:59
S12	60	indentification same tag	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:59
S13	0	S12 and SAW	USPAT; JPO; DERWENT	OR	ON	2005/05/23 10:59
S14	0	S8 and S12	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:01
S15	1	S12 and RFID	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:06

S16	12	("3426166" "4117468" "4262284" "4684929" "5111184" "5126719" "5169188" "5189396" "5396218" "5406263" "5646592").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/23 11:03
S17	12	("5831531").URPN.	USPAT	OR	ON	2005/05/23 11:03
S18	0	SAW with indentification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:04
S19	2	SAW same indentification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:04
S20	3631	RFID	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:06
S21	95	S20 and SAW	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:23
S22	29	S21 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:11
S23	1	S1 and S21	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:06
S24	612	SAW and tag and identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:16
S25	90	S24 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:17
S26	215	SAW and (tag same identification)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:17
S27	61	S26 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:17
S28	35	S27 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:00
S29	466896	common and (individual or unique)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:49
S30	18	S28 and S29	USPAT; JPO; DERWENT	OR	ON	2005/05/23 11:59
S31	7856	(serial adj number) and frequency	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:00

S32	25	S26 and S31	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:00
S33	22	S32 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:20
S34	1	reticle and (encod\$3 with digit) and identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:19
S35	10	reticle and (encod\$3 with digit)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:17
S36	1	reticle same (encod\$3 with digit)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:17
S37	1296	(encod\$3 with digit) and identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:18
S38	269	(encod\$3 with digit) same identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:20
S39	114	S29 and S38	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:18
S40	0	S39 and reticle	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:19
S41	12	(encod\$3 with digit) same identification and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:20
S42	11	S41 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:26
S43	3	S38 and SAW	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:25
S44	18	(Acoustic adj wave) and identification and (encod\$3 same digit)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:42
S45	14	S44 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:44
S46	1645	310/313b,313r.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:40
S47	0	S38 and S46	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41

S48	0	361/396,398.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41
S49	0	S48 and S12	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41
S50	0	S46 and S12	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41
S51	605	181/171,172.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41
S52	0	S12 and S51	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:41
S53	0	(SAW or (Acoustic adj wave)) and (identification same tag) and encord\$3	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:43
S54	285	(SAW or (Acoustic adj wave)) and (identification same tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:44
S55	556	piezoelectric adj wafer	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:43
S56	728	piezoelectric near wafer	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:43
S57	1	S54 and S56	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:43
S58	83	S54 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:44
S59	121	(SAW or (Acoustic adj wave)) and (identification near tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:54
S60	100	(SAW or (Acoustic adj wave)) and (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:56
S61	33	S60 and piezoelectric	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:44
S62	16	S61 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09

S63	15	(US-4625207-\$ or US-5831531-\$ or US-6825794-\$ or US-6812824-\$ or US-6546304-\$ or US-6337628-\$ or US-6527175-\$ or US-5359250-\$ or US-4399441-\$ or US-6806808-\$ or US-6664708-\$ or US-6462698-\$ or US-5469170-\$).did. or (EP-827105-\$ or DE-19622154-\$). did.	USPAT; DERWENT	OR	ON	2005/05/23 12:49
S64	33	Hartmann-Clinton.in. or brown-Paul.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S65	0	S60 and S64	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:53
S66	0	S64 and S4	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:53
S67	0	S64 and (SAW or (Acoustic adj wave))	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S68	0	S64 and S55	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:54
S69	0	Hartmann-Clinton.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S70	39	Hartmann-Clinton-s.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S71	35	brown-Paul-s.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S72	74	S70 or S71	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S73	34	S72 and (SAW or (Acoustic adj wave))	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S74	7	"74" and S4	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S75	0	S73 and S4	USPAT; JPO; DERWENT	OR	ON	2005/05/23 12:55
S76	3	S73 and (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:27

S77	9	("4097825" "4737790" "4746830" "4980680" "5469170" "5734326" "6208062" "6455979" "6693509").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/23 12:57
S78	14	(US-4625207-\$ or US-6825794-\$ or US-6337628-\$ or US-5359250-\$ or US-4399441-\$ or US-6806808-\$ or US-6664708-\$ or US-6462698-\$ or US-5469170-\$ or US-6693509-\$ or US-6455979-\$ or US-4746830-\$). did. or (EP-827105-\$ or DE-19622154-\$).did.	USPAT; DERWENT	OR	ON	2005/05/23 13:02
S79	1	S78 and mask	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:02
S80	18	(reticle or mask) same (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:08
S81	6329	common with identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S82	18158	unique with identification	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S83	968	S81 and S82	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:08
S84	85	S83 and (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S85	53	common with (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S86	281	unique with (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S87	9	S85 and S86	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S88	9	S87 and @ad<"20020128"	USPAT; JPO; DERWENT	OR	ON	2005/05/23 13:09
S89	5913	hartmann.in.	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:27
S90	0	S89 and (identification adj tag)	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:28

S91	0	S89 and indentification and tag	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:35
S92	111	S89 and SAW	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:28
S93	15	S92 and tag	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:35
S94	3892	235/454,455,492.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:35
S95	3	S94 and indentification and tag	USPAT; JPO; DERWENT	OR	ON	2005/05/26 08:35
S96	15	(US-4399441-\$ or US-4625207-\$ or US-4746830-\$ or US-5359250-\$ or US-5469170-\$ or US-6337628-\$ or US-6455979-\$ or US-6462698-\$ or US-6664708-\$ or US-6693509-\$ or US-6806808-\$ or US-6825794-\$). did. or (DE-19622154-\$ or EP-827105-\$ or US-20030111540-\$).did.	USPAT; DERWENT	OR	ON	2005/05/31 11:47
S97	10	S96 and (pattern\$3 or mask\$3 or reticle)	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:49
S98	0	S96 and ((pattern\$3 or mask\$3 or reticle) same (etch\$3 or remov\$3))	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:49
S99	1	S96 and ((pattern\$3 or mask\$3 or reticle) same (expos\$3))	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:50
S10 0	0	S99 and slot	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:51
S10 1	1	S99 and reflector	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:51
S10 2	0	S99 and (end adj reflector)	USPAT; JPO; DERWENT	OR	ON	2005/05/31 11:51


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Article Information

**1. SAW sensor system application**

Buff, W.;
Microwave Systems Conference, 1995. Conference Proceedings., IEEE NTC '95
17-19 May 1995 Page(s):215 - 218

[AbstractPlus](#) | Full Text: [PDF](#)(356 KB) IEEE CNF**2. Radio signals for SAW ID tags and sensors in strong electromagnetic interference**

Pohl, A.; Seifert, F.; Reindl, L.; Scholl, G.; Ostertag, T.; Pietsch, W.;
Ultrasonics Symposium, 1994. Proceedings., 1994 IEEE
Volume 1, 1-4 Nov. 1994 Page(s):195 - 198 vol.1

[AbstractPlus](#) | Full Text: [PDF](#)(324 KB) IEEE CNF**3. CDMA for wireless SAW sensor applications**

Ostermayer, G.; Pohl, A.; Hausleitner, C.; Reindl, L.; Seifert, F.;
Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th International Symposium on
Volume 2, 22-25 Sept. 1996 Page(s):795 - 799 vol.2

[AbstractPlus](#) | Full Text: [PDF](#)(460 KB) IEEE CNF**4. Programmable reflectors for SAW-ID-tags**

Reindl, L.; Ruile, W.;
Ultrasonics Symposium, 1993. Proceedings., IEEE 1993
31 Oct.-3 Nov. 1993 Page(s):125 - 130 vol.1

[AbstractPlus](#) | Full Text: [PDF](#)(360 KB) IEEE CNF**5. Wireless Interrogator system for SAW-identification-marks and SAW-sensor components**

Schmidt, F.; Sczesny, O.; Ruppel, C.; Magori, V.;
Frequency Control Symposium, 1996. 50th., Proceedings of the 1996 IEEE International.
5-7 June 1996 Page(s):208 - 215

[AbstractPlus](#) | Full Text: [PDF](#)(1304 KB) IEEE CNF**6. Wavelet transform with a SAW convolver for sensor application**

Pohl, A.; Ostermayer, G.; Hausleitner, C.; Seifert, F.; Reindl, L.;
Ultrasonics Symposium, 1995. Proceedings., 1995 IEEE
Volume 1, 7-10 Nov. 1995 Page(s):143 - 146 vol.1

[AbstractPlus](#) | Full Text: [PDF](#)(352 KB) IEEE CNF**7. Remote sensor system using passive SAW sensors**

- ☐ Buff, W.; Plath, F.; Schmeckebier, O.; Rusko, M.; Vandahl, T.; Luck, H.; Moller, F.; Malocha, D.C.;
Ultrasonics Symposium, 1994. Proceedings., 1994 IEEE
Volume 1, 1-4 Nov. 1994 Page(s):585 - 588 vol.1
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
- ☐ 8. Identification with SAW devices in passive remote telemetry systems
Buff, W.; Ehrenpfordt, J.; Klett, S.; Rusko, M.; Goroll, M.;
European Frequency and Time Forum, 1999 and the IEEE International Frequency Control Symposium, 1999
1999 Joint Meeting of the
Volume 2, 13-16 April 1999 Page(s):1027 - 1030 vol.2
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF
- ☐ 9. A global SAW ID tag with large data capacity
Hartmann, C.S.;
Ultrasonics Symposium, 2002. Proceedings. 2002 IEEE
Volume 1, 8-11 Oct. 2002 Page(s):65 - 69 vol.1
[AbstractPlus](#) | Full Text: [PDF\(395 KB\)](#) IEEE CNF
- ☐ 10. Remote sensing of physical parameters by means of passive surface acoustic wave devices ("ID-TAG
Schmidt, F.; Sczesny, O.; Reindl, L.; Magori, V.;
Ultrasonics Symposium, 1994. Proceedings., 1994 IEEE
Volume 1, 1-4 Nov. 1994 Page(s):589 - 592 vol.1
[AbstractPlus](#) | Full Text: [PDF\(304 KB\)](#) IEEE CNF
- ☐ 11. Green's function and network analysis of quasi-2D SAW ID-tags
Tan, E.L.; Chia, Y.W.M.;
Ultrasonics Symposium, 2000 IEEE
Volume 1, 22-25 Oct. 2000 Page(s):55 - 58 vol.1
[AbstractPlus](#) | Full Text: [PDF\(324 KB\)](#) IEEE CNF
- ☐ 12. Multiple apodized self-correlating tapped delay line for ID-tag and sensor applications
Vandahl, T.; Klett, S.; Buff, W.;
Ultrasonics Symposium, 1997. Proceedings., 1997 IEEE
Volume 1, 5-8 Oct. 1997 Page(s):349 - 354 vol.1
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IEEE CNF
- ☐ 13. SAW delay lines for wirelessly requestable conventional sensors
Steindl, R.; Pohl, A.; Reindl, L.; Seifert, F.;
Ultrasonics Symposium, 1998. Proceedings., 1998 IEEE
Volume 1, 5-8 Oct. 1998 Page(s):351 - 354 vol.1
[AbstractPlus](#) | Full Text: [PDF\(264 KB\)](#) IEEE CNF
- ☐ 14. Surface acoustic wave sensors for high-temperature applications
Homsteiner, J.; Born, E.; Fischerauer, G.; Riha, E.;
Frequency Control Symposium, 1998. Proceedings of the 1998 IEEE International
27-29 May 1998 Page(s):615 - 620
[AbstractPlus](#) | Full Text: [PDF\(480 KB\)](#) IEEE CNF
- ☐ 15. Impedance loaded SAW-sensors offer a wide range of measurement opportunities
Steindl, R.; Pohl, A.; Seifert, F.;
Microwave Symposium Digest, 1999 IEEE MTT-S International
Volume 4, 13-19 June 1999 Page(s):1453 - 1456 vol.4
[AbstractPlus](#) | Full Text: [PDF\(284 KB\)](#) IEEE CNF
- ☐ 16. State of the art in wireless sensing with surface acoustic waves
Bulst, W.-E.; Fischerauer, G.; Reindl, L.;
Industrial Electronics, IEEE Transactions on

Volume 48, Issue 2, April 2001 Page(s):265 - 271

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(144 KB\)](#) IEEE JNL

- ☐ 17. **Passive and remote sensing based upon surface acoustic wave in special environments**
Dai Enguang; Feng Guanping;
Microwave and Optoelectronics Conference, 1997. 'Linking to the Next Century'. Proceedings., 1997 SBMO/International
Volume 1, 11-14 Aug. 1997 Page(s):133 - 139 vol.1
[AbstractPlus](#) | Full Text: [PDF\(532 KB\)](#) IEEE CNF
- ☐ 18. **Telemetric surface acoustic wave chemical sensors**
Fischerauer, G.; Dickert, F.L.; Sikorski, R.;
Frequency Control Symposium, 1998. Proceedings of the 1998 IEEE International
27-29 May 1998 Page(s):608 - 614
[AbstractPlus](#) | Full Text: [PDF\(616 KB\)](#) IEEE CNF
- ☐ 19. **Mechatronic extension of a tap holder for process monitoring**
Fischerauer, G.; Schmidt, F.; Voss, M.; Bader, R.;
Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference of the IEEE
Volume 4, 31 Aug.-4 Sept. 1998 Page(s):2378 - 2381 vol.4
[AbstractPlus](#) | Full Text: [PDF\(400 KB\)](#) IEEE CNF
- ☐ 20. **Combination of SAW-transponder and RF-semiconductor devices offers new perspectives for passive**
Steindl, R.; Pohl, A.; Heinrich, N.;
EUROCOMM 2000. Information Systems for Enhanced Public Safety and Security. IEEE/AFCEA
17 May 2000 Page(s):162 - 165
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IEEE CNF
- ☐ 21. **Cordless batteryless wheel mouse application utilizing radio requestable SAW devices in combination**
magneto-impedance effect
Hausleitner, C.; Steindl, R.; Pohl, A.; Hauser, H.; Goiser, A.M.J.; Siefert, F.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 49, Issue 4, April 2001 Page(s):817 - 822
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(152 KB\)](#) IEEE JNL
- ☐ 22. **Impedance loaded SAW sensors offer a wide range of measurement opportunities**
Steindl, R.; Pohl, A.; Seifert, F.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 47, Issue 12, Dec. 1999 Page(s):2625 - 2629
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(268 KB\)](#) IEEE JNL
- 